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BEFORE THE STATE OF WASHINGTON
ENERGY FACILITY SITE EVALUATION COUNCIL

In the Matter of Application No. 2006-01:
ENERGY NORTHWEST;
PACIFIC MOUNTAIN ENERGY CENTER

EXHIBIT __ (TAL-T)

APPLICANT'S PREFILED TESTIMONY

WITNESS: THOMAS A. LYNCH

Introduction

Q. Please state your name, current employment position and business address.

A. Thomas A. Lynch. I am a Principal Project Director for ConocoPhillips Company, the third largest integrated energy company in the United States. Headquartered in Houston, Texas, ConocoPhillips Company and its subsidiaries operate in more than 40 countries. The

1 company has approximately 38,400 employees worldwide and assets of \$165 billion.¹
2 ConocoPhillips, the parent company, has its stock listed on the New York Stock Exchange
3 under the symbol "COP."
4

5 I have been one of the ConocoPhillips Company representatives who has been working with
6 Energy Northwest and Fluor Corporation over the past 24 months in connection with
7 preliminary engineering and design work for the Pacific Mountain Energy Project
8 ("PMEC"). My business address is 444 W. Sanford Ave, West Terre Haute, Indiana 47885.
9 My resume is attached as Exhibit ____ (TAL-1) to this testimony.
10

11 **Q. Would you please describe your educational and professional background?**

12 A. In addition to being a Principal Project Director, I also provide technical support at the 262
13 MWe (net) Wabash River Coal Gasification Repowering Project ("Wabash River") in Terre
14 Haute, Indiana. The Wabash River facility utilizes ConocoPhillips E-Gas™ technology for
15 gasification of solid feedstocks, the same technology ConocoPhillips anticipates licensing to
16 Energy Northwest for use in PMEC.
17

18 Professionally, I have been involved with the E-Gas™ technology and the Wabash River
19 Project for 14 years. I was originally assigned to the Wabash River Project in 1993, where I
20 had owner's representative responsibilities for the syngas conditioning processes as well as
21 water treatment and electrical systems at the facility. I managed operations for the Wabash
22 River Facility through start-up, and led the effort to hire, train, and develop the plant
23 operations group.
24

25
26 ¹ ConocoPhillips 2006 Annual Report, page 1.

1
2 After the Wabash startup in 1995, I was assigned to manage the plant improvement effort. I
3 then continued to manage plant improvements, but added operations management
4 responsibilities and contract administration until being named to my current position, which
5 involves supporting the development of gasification projects. In particular, I have led the
6 effort for ConocoPhillips with respect to our ongoing support of PMEC.
7

8 I earned a Bachelor of Science degree in Chemical Engineering from Northeastern University
9 (Boston MA) in 1983.
10

11 **Q. On whose behalf are you testifying?**

12 A. I am testifying on behalf of Energy Northwest.
13
14

15 **Scope and Summary**

16 **Q. What is the scope of your testimony in this proceeding?**

17 A. The primary purpose of my testimony is to confirm that I have been directly involved on
18 behalf of ConocoPhillips in connection with all design and engineering work to date relating
19 to the E-Gas™ technology for PMEC, and to note that I am available to answer questions
20 related to the E-Gas™ technology as currently used at Wabash River and which will be used
21 in PMEC.
22

23 **Q. Do you have any additional remarks?**

24 A. Yes. As previously noted, the process that PMEC will use to supply fuel to its combined
25 cycle power station is based upon ConocoPhillips E-Gas™ technology for gasification of
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solid feedstocks. This is a proven technology that has the benefit of a long operational history and experience.

PMEC's design is based on the 262 MWe (net) Wabash River Facility. The Wabash River plant was built under the Department of Energy's (DOE) Clean Coal Technology Program and has been operational since 1995. Following its construction, the DOE funded studies of potential performance and technological upgrades, and hundreds of design and operational lessons learned from Wabash River have been identified. Based in part on the DOE studies and the lessons learned from the Wabash River Facility, PMEC will integrate numerous design improvements that represent a substantial advance in the original Wabash River technology, design, and systems integration.

Q. Does this complete your testimony?

A. Yes it does.

EXHIBIT LIST

Ex. No.	Prefiled No.	Description
	TAL-1	Thomas Lynch's resume.